

party portable telephone terminal is displayed as seen from  
a waiting screen example 701 similarly as in the waiting screen  
example 401 of FIG. 4. During communication, also an opposite  
party reception electric field level 704 is displayed in a  
5 reception image 705 as seen from a communication screen example  
702 similarly as in the communication screen example 402 of  
FIG. 4. If a communication quality alarm is generated in the  
portable telephone terminal of FIG. 1, then a communication  
screen example 703 upon generation of a communication quality  
10 alarm is displayed as a reception image on the opposite party  
portable telephone terminal as seen in FIG. 7. On the  
communication screen example 703, also the image picked up by  
the image pickup section 104 can be confirmed continually.

Referring now to FIG. 8, there is shown another portable  
15 telephone terminal to which the present invention is applied.  
The portable telephone terminal includes a control section 801,  
a memory section 802, a radio communication function section  
803, a display section 804, an operation section 805, a sound  
inputting section 806, a sound outputting section 807, a cell  
20 or battery 808 and a power supply section 809 which are similar  
to the control section 101, memory section 102, radio  
communication function section 103, display section 105,  
operation section 106, sound inputting section 107, sound  
outputting section 108, battery 109 and power supply section  
25 110 of the portable telephone terminal of FIG. 1, respectively.  
The components 801 to 809 of the portable telephone terminal

are built in a body 812 of the portable telephone terminal. The portable telephone terminal of FIG. 8 is different from the portable telephone terminal of FIG. 1 in that an image pickup section 810 which may be a CCD camera or the like and corresponds to the image pickup section 104 of the portable telephone terminal of FIG. 1 is not built in the portable telephone terminal body 812, but an external image pickup section 811 including the image pickup section 810 is connected to a connection terminal of the portable telephone terminal body 812 when necessary. The configuration and operation after the connection are similar to those of the portable telephone terminal described with reference to FIG. 1.

Referring now to FIG. 9, there is shown a further portable telephone terminal to which the present invention is applied.

The portable telephone terminal can be considered to be a modification to the portable telephone terminal of FIG. 8 and includes a first control section 901, a memory section 902, a radio communication function section 903, a first display section 904, an operation section 905, a sound inputting section 906, a sound outputting section 907, a cell or battery 908 and a power supply section 909 which are similar to the control section 801, memory section 802, radio communication function section 803, display section 804, operation section 805, sound inputting section 806, sound outputting section 807, battery 808 and power supply section 809 of the portable telephone terminal of FIG. 8, respectively. The components 901 to 909

of the portable telephone terminal are built in a body 913 of the portable telephone terminal. Meanwhile, an external image pickup display section 914 which corresponds to the external image pickup section 811 of FIG. 8 includes, in addition to  
5 an image pickup section 911 which corresponds to the image pickup section 810, a second control section 910 and a second display section 912.

Generally, the size of a display section built in a portable telephone terminal is restricted such that the portability as  
10 a portable telephone set is not lost. Therefore, a conventional portable telephone terminal is small in size where it is used as a visual telephone set. Therefore, in the portable telephone terminal of FIG. 9, the second display section 912 is formed as an external equipment together with the image pickup section  
15 911. The second control section 910 performs displaying control of the second display section 912 and processing of image data transmitted from the image pickup section 911. The second control section 910, however, may otherwise be formed as a single control section together with the first control section 901.  
20 General operation of the portable telephone terminal of FIG. 9 is similar to that of the portable telephone terminal of FIG. 1. It is to be noted, however, that a reception image from an opposite portable telephone terminal when the portable telephone terminal is used as a visual telephone set is displayed  
25 on the second display section 912.

Referring now to FIG. 10, there is shown a still further